

FIG. 1

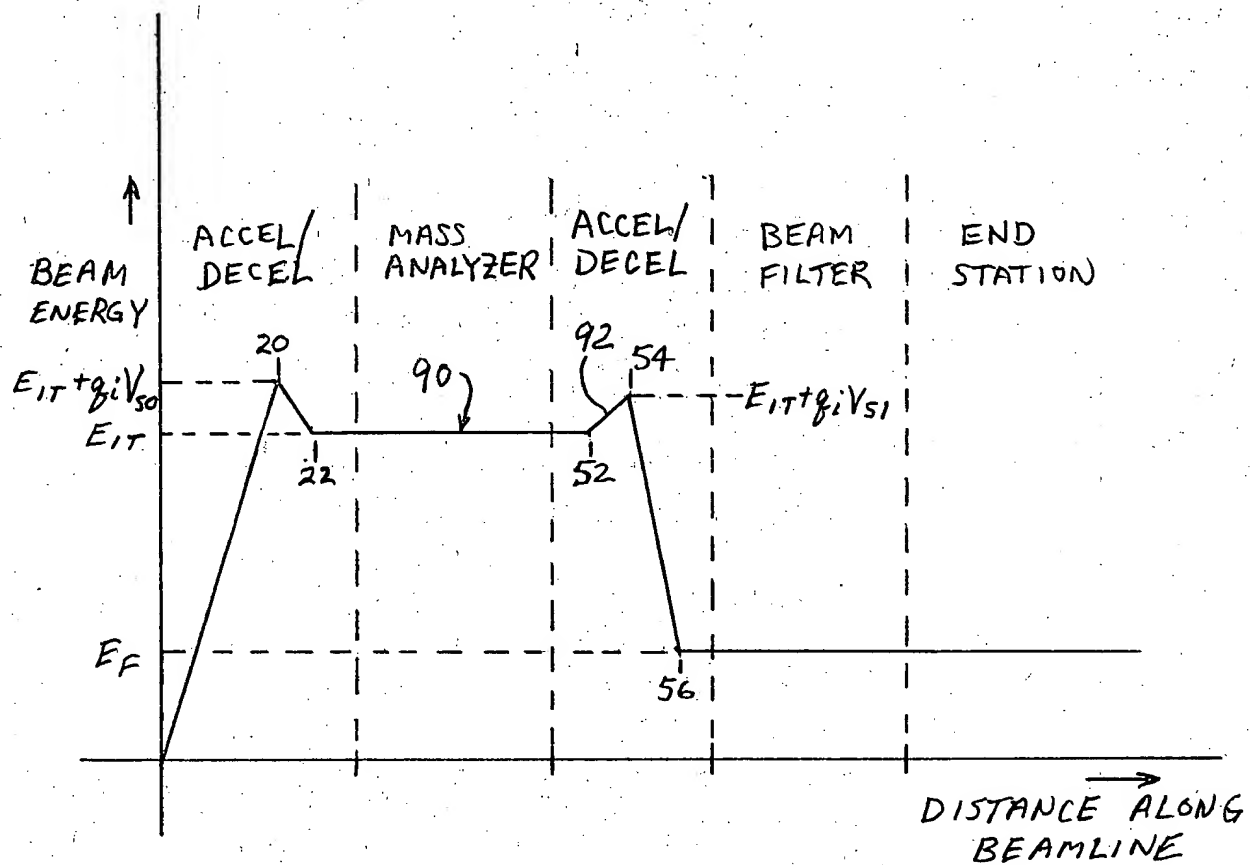


FIG. 2

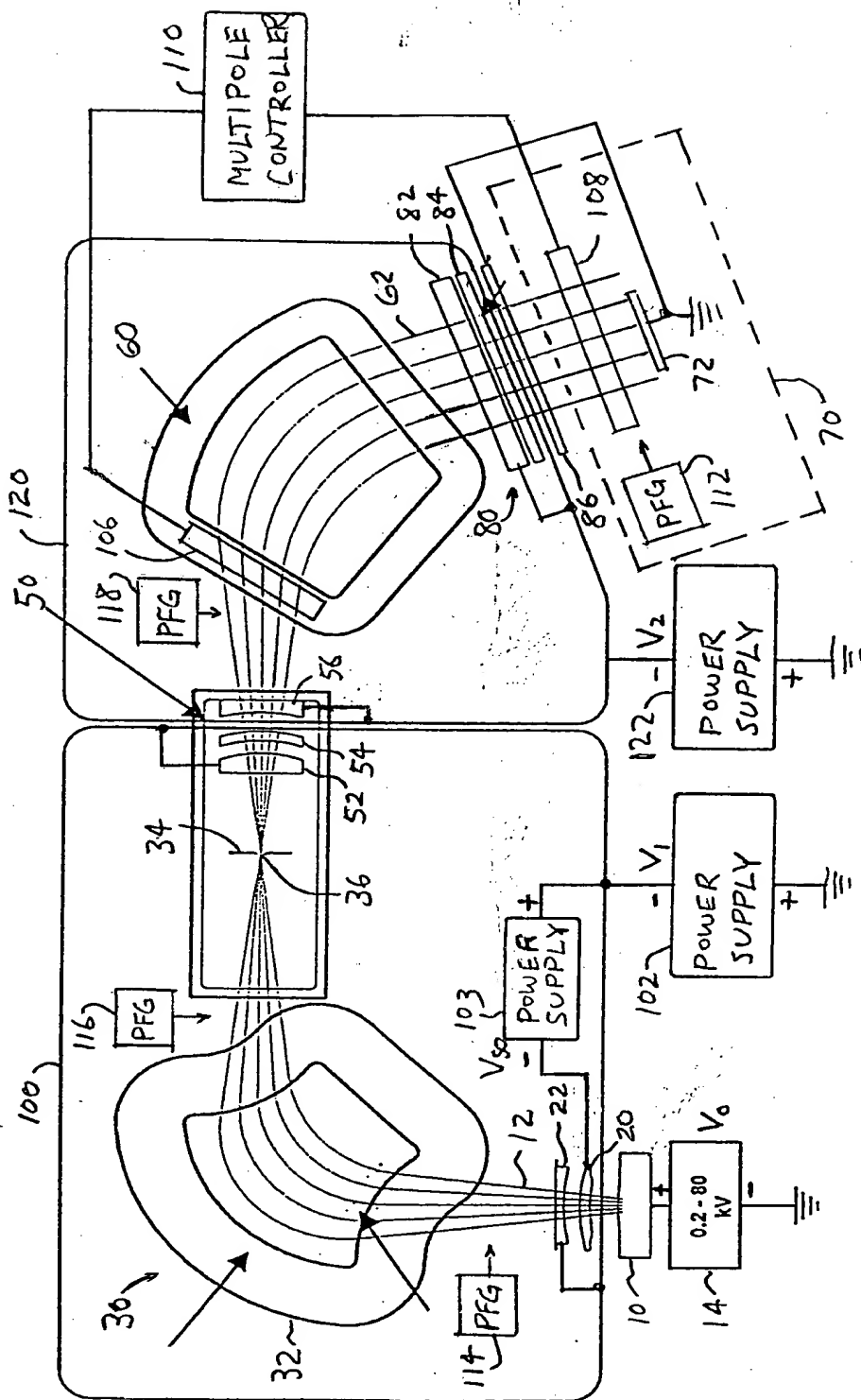


FIG. 3



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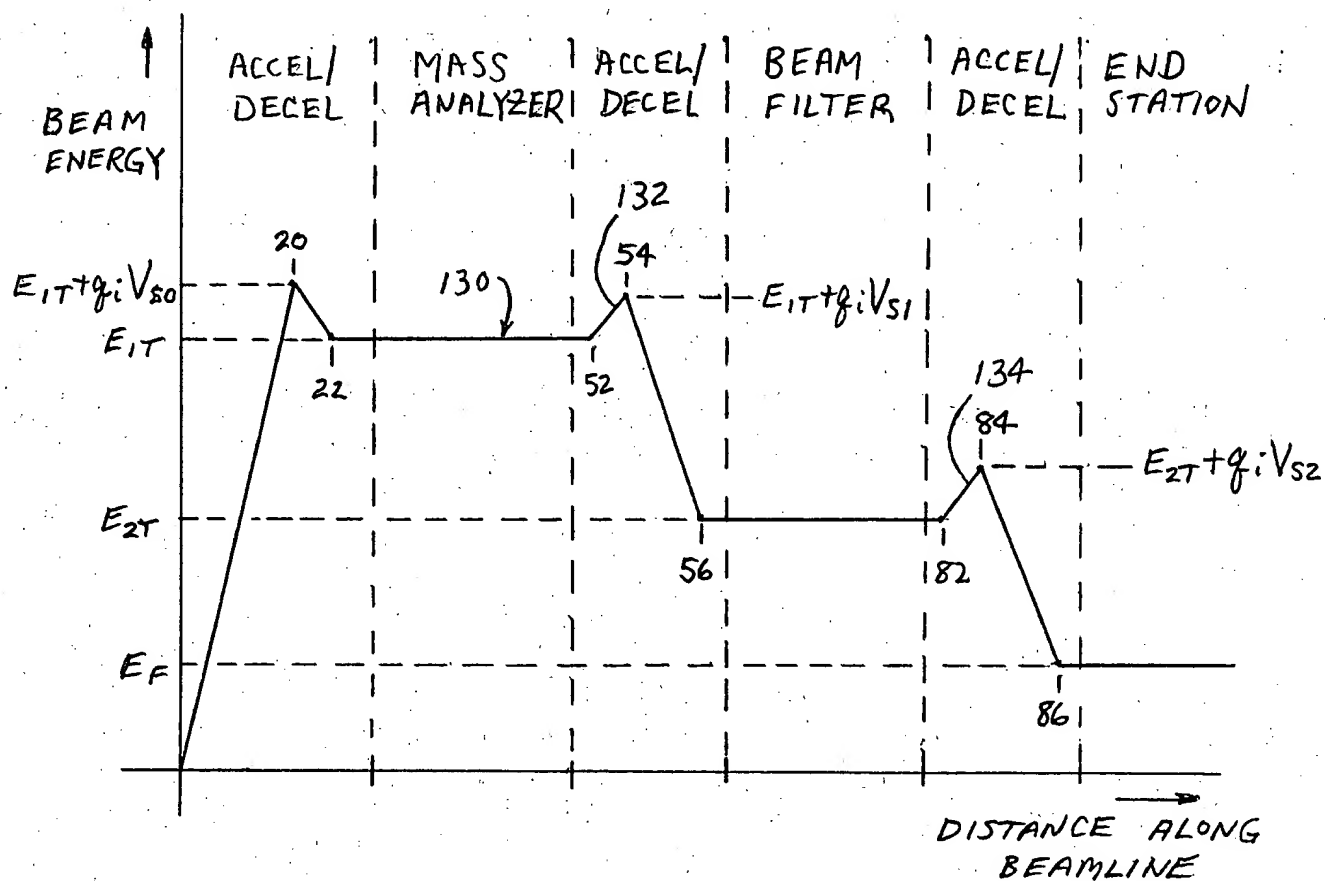


FIG. 4

00E290165020960

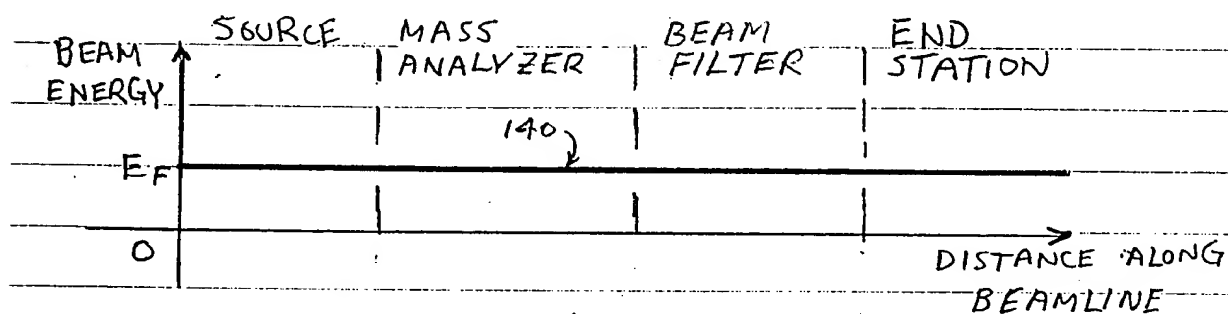


FIG. 6

The diagram shows a horizontal beam with a central downward force labeled 50. To the left of the beam, a curved arrow labeled 12 indicates a moment. Above the beam, three cross-sections are shown: a rectangle labeled 52, a T-shape labeled 54, and a rectangle labeled 56. Below the beam, three corresponding cross-sections are shown: a rectangle labeled $-V_1$, a T-shape labeled $-V_{S1}$, and a rectangle labeled $-V_2$.

FIG. 8

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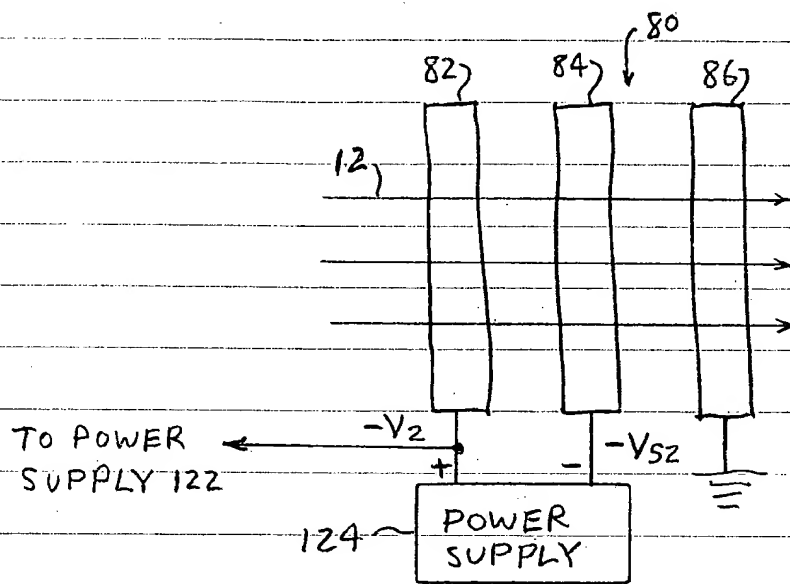


FIG. 9

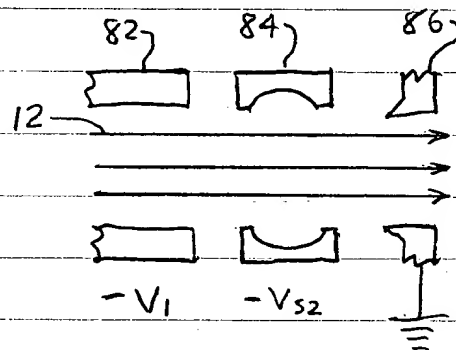


FIG. 10